

Claims

- 1 1. A workload balancing system for distributing data
2 processing transactions into a plurality of messages and
3 for dynamically allocating each of said messages to
4 different computer systems for performance comprising:
5 means for requesting the performance of a data
6 processing transaction,
7 a server computer for said distributing said
8 transaction into a plurality of messages and allocating
9 said messages to different computer systems, and
10 user interactive display means for displaying said
11 allocated messages and associated computer systems.
- 1 2. The workload balancing system of claim 1 further
2 including a server queue for storing the plurality of
3 messages from the distributed transaction.
- 1 3. The workload balancing system of claim 2 wherein each
2 of said different computer systems has an associated
3 queue for storing messages allocated to each respective
4 computer system.
- 1 4. The workload balancing system of claim 3 wherein at
2 least one of said different computer systems has means
3 for reallocating to other computer systems, messages
4 initially allocated to said one computer system.
- 1 5. The workload balancing system of claim 4 further
2 including user interactive means for displaying said
3 reallocated messages and computer systems to which said
4 messages are reallocated.

1 6. The workload balancing system of claim 1 further
2 comprising an interactive display computer including said
3 means for requesting the performance of a data processing
4 transaction and user interactive display means for
5 displaying said allocated messages and associated
6 computer systems.

1 7. A method for distributing data processing
2 transactions into a plurality of messages and for
3 dynamically allocating each of said messages to different
4 computer systems for performance comprising:
5 requesting the performance of a data processing
6 transaction,
7 distributing said transaction into a plurality of
8 messages and allocating said messages to different
9 computer systems, and
10 interactively displaying said allocated messages and
11 computer systems.

1 8. The method of claim 7 further including the step of
2 storing the plurality of messages from the distributed
3 transaction in a queue.

1 9. The method of claim 8 including the step of storing
2 messages allocated to each respective computer system in
3 a queue associated with said computer system.

1 10. The method of claim 9 further including the step of
2 reallocating to other computer systems, messages
3 initially allocated to one of said different computer
4 systems.

1 11. The method of claim 10 further including the step of
2 user interactively displaying said reallocated messages
3 and computer systems to which said messages are
4 reallocated.

1 12. A computer program having program code included on a
2 computer readable medium for workload balancing of
3 distributed data processing transactions comprising:
4 means for requesting the performance of a data
5 processing transaction,
6 means for distributing said transaction into a
7 plurality of messages and allocating said messages to
8 different computer systems, and
9 user interactive display means for displaying said
10 allocated messages and associated computer systems.

1 13. The computer program of claim 12 further including
2 queue means for storing the plurality of messages from
3 the distributed transaction.

1 14. The computer program of claim 13 wherein each of
2 said different computer systems has an associated queue
3 for storing messages allocated to each respective
4 computer system.

1 15. The computer program of claim 14 further including
2 means for reallocating to other computer systems,
3 messages initially allocated to said one computer system.

1 16. The computer program of claim 15 further including
2 user interactive means for displaying said reallocated
3 messages and computer systems to which said messages are
4 reallocated.

1 17. The computer program of claim 12 wherein said means
2 for requesting the performance of a data processing
3 transaction and said user interactive display means for
4 displaying said allocated messages and computer systems
5 are in a user interactive display computer.

1 18. A workload balancing system for distributing data
2 processing transactions into messages and for dynamically
3 allocating said messages to different computer systems
4 for performance comprising:
5 means enabling a user to request the performance of
6 a data processing transaction,
7 a server computer for dynamically transforming
8 requested transactions into messages without user input
9 and allocating said messages to different computer
10 systems, and
11 user interactive display means for displaying said
12 allocated messages and associated computer systems.

1 19. A method for distributing data processing
2 transaction messages and for dynamically allocating said
3 messages to different computer systems for performance
4 comprising:
5 enabling a user to request the performance of a data
6 processing transaction,
7 dynamically transforming transactions into messages
8 without user input and allocating said messages to
9 different computer systems, and
10 interactively displaying said allocated messages and
11 associated computer systems.

1 20. A computer program having program code included on a
2 computer readable medium for workload balancing of
3 distributed data processing transactions comprising:
4 means enabling a user to request the performance of
5 a data processing transaction,
6 means for dynamically transforming requested
7 transactions into messages without user input and
8 allocating said messages to different computer systems,
9 and
10 user interactive display means for displaying said
11 allocated messages and associated computer systems.